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NOTICE OF ALLOWANCE AND FEE(S) DUE

5514 7590 05/08/2008
FITZPATRICK CELLA HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK, NY 10112

EXAMINER	
ZHENG, JACKY X	
ART UNIT	PAPER NUMBER
2625	
DATE MAILED: 05/08/2008	

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/602,119	06/23/2003	Jun Fujisawa	03500.000035	9105

TITLE OF INVENTION: IMAGE FORMING APPARATUS THAT EXECUTES AN IMAGE TRIMMING PROCESS WITH PRIORITY OVER OTHER COMMANDS, METHOD THEREFOR, AND STORAGE MEDIUM STORING A PROGRAM THEREFOR

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	08/08/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

**Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

5514 7590 05/08/2008

**FITZPATRICK CELLA HARPER & SCINTO
30 ROCKEFELLER PLAZA
NEW YORK, NY 10112**

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE; address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/602,119 06/23/2003

Jun Fujisawa

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TITLE OF INVENTION: IMAGE FORMING APPARATUS THAT EXECUTES AN IMAGE TRIMMING PROCESS WITH PRIORITY OVER OTHER COMMANDS, METHOD THEREFOR, AND STORAGE MEDIUM STORING A PROGRAM THEREFOR

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	08/08/2008

EXAMINER	ART UNIT	CLASS-SUBCLASS
ZHENG, JACKY X	2625	358-001200

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev. 03-02 or more recent) attached. Use of a **Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____
- 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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FITZPATRICK CELLA HARPER & SCINTO				
30 ROCKEFELLER PLAZA				
NEW YORK, NY 10112				
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2625

DATE MAILED: 05/08/2008

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 878 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 878 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability

Application No.

10/602,119

Examiner

JACKY X. ZHENG

Applicant(s)

FUJISAWA ET AL.

Art Unit

2625

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to January 28, 2008.
2. ☒ The allowed claim(s) is/are 2,4-10,12-14,17,18,20,22-28,30-32,35,36 and 38.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

/Twyler L. Haskins/

DETAILED ACTION

1. This office action is in response to applicant's amendments and remarks filed on January 18, 2008.
2. **Claims 2, 20 and 38-41** have been amended.
3. **Claims 1, 3, 11, 15-16, 19, 21, 29, 33-34, 37, and 39-45** have been cancelled.
4. **Claims 2, 4-10, 12-14, 17-18, 20, 22-28, 30-32, 35-36 and 38** are currently allowed.
5. The rejections under 35 U.S.C. §112, Second Paragraph, to Claims 39, 41 and 43-45 are withdrawn in view of Applicant's amendments and/or cancellations to the claims.
6. The rejections under 35 U.S.C. §103 to Claims 2, 4-10, 12-14, 17-18, 20, 22-28, 30-32, 35-36, 38-39, 41 and 43-45 are withdrawn in view of Applicant's amendments and/or cancellations to the claims.

EXAMINER'S AMENDMENT

7. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
8. Authorization for this examiner's amendment was given in a telephone interview with Justin J. Oliver (Reg. No. 44,986) on March 14, 2008.
9. The application has been amended as follows:
 - a. With regard to Claim 39, this claim is now cancelled.

- b. With regard to Claim 41, this claim is now cancelled.

REASONS FOR ALLOWANCE

10. The following is an examiner's statement of reasons for allowance:

The instant invention is generally relates to image forming apparatuses and methods which placement information of images can be designated, and storage media that store image forming program.

With regard to Claim 2, the closest prior arts of record, Venable (U.S. Patent No. 6,557,017), Kawamoto et al. (U.S. Patent No. 5,978,563), Tanimoto (U.S. Pub. No. 2003/0005045) and Epstein et al. (U.S. Pub. No. 2002/0085767), do not disclose or suggest, among the other limitations, the additional required limitation of *"a reading module that reads and obtains image forming information of the image from the data described in the predetermined descriptive language which includes XML or HTML and in which no description order is defined for commands included in the image forming information; ... where in the image forming information interpreting module includes a trimming command detection module that detects a trimming command, a command detection module that detects a command other than the trimming command wherein the other command includes any of a flipping processing command, a rotation processing command, and an image aspect ratio maintaining processing command and a control module that controls processing such that the trimming command detected by the trimming command detection module is executed prior to execution of the other command detected by the command detection module".* These additional features in combination

with all the other features required in the claimed invention are neither taught nor suggested by Venable, Kawamoto et al., Tanimoto and Epstein et al.

With regard to Claims 4-10, 12-14 and 17-18, the claims are depending from the independent Claim 2, each encompasses the required limitations recited in the independent claim discussed above.

With regard to Claim 20, the closest prior arts of record, Venable (U.S. Patent No. 6,557,017), Kawamoto et al. (U.S. Patent No. 5,978,563), Tanimoto (U.S. Pub. No. 2003/0005045) and Epstein et al. (U.S. Pub. No. 2002/0085767), do not disclose or suggest, among the other limitations, the additional required limitation of *“a reading step of reading and obtaining image forming information of the image from the data described in the predetermined descriptive language which includes XML or HTML and in which no description order is defined for commands included in the image forming information; ... where in the image forming information interpreting step includes a trimming command detection step that detects a trimming command, a command detection step that detects a command other than the trimming command wherein the other command includes any of a flipping processing command, a rotation processing command, and an image aspect ratio maintaining processing command and a control step that controls processing such that the trimming command detected by the trimming command detection step is executed prior to execution of the other command detected by the command detection step”*. These additional features in combination with all the other features

required in the claimed invention are neither taught nor suggested by Venable, Kawamoto et al., Tanimoto and Epstein et al.

With regard to Claims 22-28, 30-32 and 35-36, the claims are depending from the independent Claim 20, each encompasses the required limitations recited in the independent claim discussed above.

With regard to Claim 38, the closest prior arts of record, Venable (U.S. Patent No. 6,557,017), Kawamoto et al. (U.S. Patent No. 5,978,563), Tanimoto (U.S. Pub. No. 2003/0005045) and Epstein et al. (U.S. Pub. No. 2002/0085767), do not disclose or suggest, among the other limitations, the additional required limitation of *“a reading step of reading and obtaining image forming information of the image from the data described in the predetermined descriptive language which includes XML or HTML and in which no description order is defined for commands included in the image forming information; ... where in the image forming information interpreting step includes a trimming command detection step that detects a trimming command, a command detection step that detects a command other than the trimming command wherein the other command includes any of a flipping processing command, a rotation processing command, and an image aspect ratio maintaining processing command and a control step that controls processing such that the trimming command detected by the trimming command detection step is executed prior to execution of the other command detected by the command detection step”*. These additional features in combination with all the other features

required in the claimed invention are neither taught nor suggested by Venable, Kawamoto et al., Tanimoto and Epstein et al.

11. Therefore, Claims No. 2, 4-10, 12-14, 17-18, 20, 22-28, 30-32, 35-36 and 38 are allowed.
12. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jacky X. Zheng whose telephone number is (571) 270-1122. The examiner can *normally* be reached on Monday-Friday, 8:30 a.m. - 5 p.m., Alt. Friday Off.
14. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Twyler M. Lamb can be reached on (571) 272-7406. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.
15. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Jacky X. Zheng/

Jacky X. Zheng
Patent Examiner
Art Unit: 2625
March 13, 2008

/Twyler L. Haskins/
Supervisory Patent Examiner, Art Unit 2625
4/24/08